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Application/Control No.

10/535,542

Examiner

DINH T. LE

Date

Applicant(s)/Patent under Reexamination

NAKAMURA ET AL.

Art Unit

2816

| √  | Rejected |
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| 11 | Allowed  |

(Through numeral)
Cancelled

Restricted

Claim

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| Cla         | im                    |  |          |  | .(       | Date                                | •            |              |              |  |    |  |  |
| Final       | Original              | 1/4/08   |          |  |          |                                     |              |              |              |  |    |  |  |
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|             | 13                    |  | <u> </u> |  | $\vdash$ | <del> </del>                        | $\vdash$     |              |              | $\vdash$   | ١. |  |  |
|             | 13<br>14<br>15        | П  | <u> </u> |  | $\vdash$ |                                     | $\vdash$     | $\vdash$     |              | ┢  | ١. |  |  |
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|             | 16                    |  |          |  |          |                                     |              |              |              |  |    |  |  |
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|             | 18                    |  |          |  |          |                                     |              |              |              |  | ]  |  |  |
|             | 19<br>20              | <u> </u>   | <u> </u> |  |          |                                     |              |              |              |  | ]  |  |  |
|             | 20                    |  | _        | _  |          |                                     | <u> </u>     |              |              | <u> </u>   |    |  |  |
| <u> </u>    | 21                    | <u> </u>   | <u> </u> | <u></u>  | _        | _                                   | L.           |              | L            | _  | 1  |  |  |
| <u> </u>    | 22<br>23              |  | L        |  | <u> </u> | <u> </u>                            | _            |              | L            |  | 1  |  |  |
|             | 23                    | -  | _        | <u> </u>   | <u> </u> | <u> </u>                            | <u> </u>     | _            | <u> </u>     | _  | ١. |  |  |
|             | 24<br>25              |  | -        | -  | <u> </u> | <b>-</b> -                          | <u> </u>     | ├—           | -            | $\vdash$   | ł  |  |  |
|             | 26                    |  |          | -  | ├─       |                                     | -            | $\vdash$     | <del> </del> | -  | ł  |  |  |
| <del></del> | 27                    |  | -        | -  | $\vdash$ | ┝                                   |              | <del> </del> | ⊢            | ┢  | ł  |  |  |
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|             | 32                    |  |          |  |          |                                     |              |              |              |  | ]  |  |  |
|             | 33                    | <u> </u>   |          |  |          |                                     |              |              |              |  | ]  |  |  |
|             | 34                    | Ļ.,  |          | <u> </u>   |          |                                     |              | <u> </u>     |              | <u> </u>   | ┨. |  |  |
|             | 35                    | L  | _        | <u> </u>   | $\vdash$ | <u> </u>                            | _            | _            | _            | _  | ١  |  |  |
|             | 36                    | ļ  | <u> </u> | $\vdash$   | L.       | <u> </u>                            | <u> </u>     | <del> </del> |              |  | 1  |  |  |
|             | 37<br>38              | $\vdash$   |          |  | $\vdash$ |                                     | -            | -            | -            | <del> </del>                                     | 1  |  |  |
|             | 38                    | H  | -        | ├  | $\vdash$ | ├-                                  | -            | $\vdash$     | $\vdash$     | -  | 1  |  |  |
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|             | 42                    | <del>                                     </del> | -        | <del>                                     </del> | $\vdash$ | -                                   | H            | -            | $\vdash$     | -  | 1  |  |  |
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|             | 47                    |  |          |  |          |                                     |              |              |              |  | ]  |  |  |
|             | 48                    | 匚  |          |  | L        |                                     |              | 匚            |              |  | 1  |  |  |
| <u></u>     | 49                    | <u> </u>   | <u> </u> |  | <u> </u> | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | L            |              | _  | 1  |  |  |
| L           | 50                    | <u>L</u>   |          | <u> </u>   |          |                                     |              | <u> </u>     |              |  |    |  |  |

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|     | Final  | Original       |               |              |  |  |              |  |  |              |  |
|     |  | 51             |               |              |  |  |              |  |  |              |  |
| -   |  | 51<br>52       |               |              |  |  |              |  |  |              |  |
| ٠   |  | 53             | $\vdash$      |              |  |  |              | $\vdash$   |  |              |  |
|     |  | 54             | H             |              |  |  |              | -  |  |              | -  |
| :   |  | 54<br>55       | Н             |              | -  | -  |              |  |  |              |  |
|     |  | 56             | H             |              |  |  |              |  |  |              | ۱  |
| .   |  | 57             | $\vdash$      |              |  |  |              |  |  | H            |  |
|     |  | 58             | H             |              | $\vdash$   | $\vdash$   |              | $\vdash$   |  |              | Ь-   |
| -   |  | 59             | $\vdash$      | _            | -  |  |              | -  | -  |              | <del> </del>                                     |
|     |  | 60             | -             |              |  |  |              |  | _  |              | $\vdash$   |
| ٠   | <del>                                     </del> | 61             | $\vdash$      | <u> </u>     |  |  |              |  | -  |              | H  |
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|     |  | 63             | H             | -            |  | <del></del>                                      |              |  |  |              | _  |
| -   |  | 63<br>64       | $\vdash$      | _            | H  |  |              |  | -  |              | <del> </del>                                     |
| •   |  | 65             | $\vdash$      |              | <del>                                     </del> |  |              |  |  |              | <del> </del>                                     |
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|     |  | 68             | $\vdash$      | -            |  |  |              |  | <del> </del>                                     | $\vdash$     | $\vdash$   |
| -   |  | 68<br>69       | <del>  </del> |              | <del> </del>                                     | -  |              | H  |  | $\vdash$     | $\vdash$   |
| . : |  | 70             | $\vdash$      |              | $\vdash$   |  | -            | H  |  |              | $\vdash$   |
| `.· | <del>                                     </del> | 71             | -             |              | $\vdash$   |  | -            | H  | <del> </del>                                     | ├            |  |
|     | <del>                                     </del> | 71<br>72<br>73 | -             |              | $\vdash$   | $\vdash$   | $\vdash$     | <del> </del>                                     |  |              | $\vdash$   |
|     |  | 73             | $\vdash$      |              | <del> </del>                                     | <b></b> -  |              | <u> </u>   | <del>                                     </del> | $\vdash$     | $\vdash$   |
|     | <b> </b>   | 74             | $\vdash$      | -            |  | <b></b> -  |              | ├  | $\vdash$   | Н            | Ė  |
| :   | <del> </del>                                     | 74<br>75       | $\vdash$      | $\vdash$     | ├  | <u> </u>   |              | ├-   |  | ┝╌           | -  |
| :   | <b></b>  | 76             |               | -            |  | <b>-</b>   | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   |
|     | <b></b>  | 77             | $\vdash$      | $\vdash$     | $\vdash$   | -  |              | ├-   |  | <u> </u>     | <del> </del>                                     |
|     | <b></b> -  | 78             |               | H            | ├  |  | <u> </u>     | <del> </del>                                     | ├  | ├            | $\vdash$   |
| :   | <del> </del>                                     | 78<br>79       | $\vdash$      | $\vdash$     | <del> </del>                                     | -  |              |  |  | ├─           | -  |
|     | <b>-</b>   | 80             |               | <del> </del> | <del> </del>                                     | $\vdash$   | -            | $\vdash$   | -  | ├            | $\vdash$   |
| . : | -  | 81             | $\vdash$      | Ľ-           | ├  |  |              | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   |
|     | <b>-</b>   | 82             |               | $\vdash$     |  | $\vdash$   | -            | $\vdash$   | -  | <del> </del> | $\vdash$   |
|     | <b></b> -  | 82<br>83       | $\vdash$      | $\vdash$     | $\vdash$   | <del> </del>                                     |              | ├  | $\vdash$   | $\vdash$     | $\vdash$   |
|     | <b> </b>   | 84             | -             | $\vdash$     | $\vdash$   | $\vdash$   |              |  |  | ├            | ├─   |
|     | $\vdash$   | 85             | $\vdash$      | $\vdash$     |  | <b></b> -  | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$     | ⊢  |
|     | <b></b>  | 86             |               | Η-           | <del>                                     </del> | -  | $\vdash$     | $\vdash$   |  | <b></b> -    | ├  |
|     | <del>                                     </del> | 87             | <b></b> -     | -            | ┢  | $\vdash$   | $\vdash$     | $\vdash$   |  |              | ├  |
|     | <u> </u>   | 88             | $\vdash$      |              | ┢─   | <del> </del>                                     |              | <del></del>                                      | $\vdash$   | $\vdash$     | $\vdash$   |
|     | <b></b>  | 88<br>89       |               | $\vdash$     | $\vdash$   | $\vdash$   |              | Η-   | $\vdash$   | ╌            | ├  |
|     | <b> </b>   | 90             | $\vdash$      | -            | <del>                                     </del> | <del>                                     </del> |              | $\vdash$   | $\vdash$   |              | ┢╾   |
|     |  | 91             |               | $\vdash$     |  | <del></del>                                      |              |  | $\vdash$   | Н            | H  |
|     |  | 92             | Н             | -            | <del>                                     </del> | <b></b> -  |              | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   |
|     |  | 93             | <b></b> -     | $\vdash$     | <del>                                     </del> | $\vdash$   | ·            | $\vdash$   |  |              | $\vdash$   |
|     |  | 94             | <b></b>       | $\vdash$     | <del>                                     </del> | Ι  | $\vdash$     | <del>                                     </del> |  | Ι            | <del>                                     </del> |
|     | $\vdash$   | 95             |               | $\vdash$     | <del> </del>                                     | Ι  | $\vdash$     | ┢  | -  | $\vdash$     | $\vdash$   |
|     |  | 96             | $\vdash$      | _            | <b> </b>   | Ι  |              | Η-   | <del>                                     </del> | ┝┈           | ┢  |
|     |  | 97             |               |              |  | ┢  | <u> </u>     | $\vdash$   | $\vdash$   | Т            | T  |
|     |  | 98             |               | $\vdash$     |  | Г  | _            |  | $\vdash$   |              | <del>                                     </del> |
|     |  | 99             | Ī             | $\Box$       |  |  |              |  |  | П            | T  |
|     |  | 100            |               |              | Γ  | Г  | Г            | ┌─   | Г  | Ι            | Г  |
|     |  |                | _             |              |  |  |              |  |  |              | _  |

| Claim |                   | Date     |  |          |          |  |  |  |          |                 |  |
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|       | 101               |          |  |          |          |  |  | ·  |          |                 |  |
|       | 101<br>102        |          |  |          |          |  |  |  |          |                 |  |
|       | 103               |          |  |          |          |  |  |  |          |                 |  |
|       | 104               |          |  |          |          |  |  |  |          |                 |  |
|       | 104<br>105        |          |  |          |          |  |  |  |          |                 |  |
|       | 106               |          |  |          |          |  |  |  |          |                 |  |
|       | 107               |          |  |          |          |  |  |  |          |                 |  |
|       | 108               | Ш        |  |          |          |  |  |  |          |                 |  |
|       | 109               | Ш        |  |          |          |  |  |  |          | Ш               |  |
|       | 110               | Щ        |  |          | :        |  |  |  |          |                 |  |
|       | 111               | Щ        |  |          |          | _  |  |  |          | $\dashv$        |  |
|       | 112               | Ш        |  |          |          | H  | <u> </u>   | <u> </u>   | <b>-</b> | Ш               |  |
|       | 113               | $\vdash$ | <u> </u>   |          |          | H  |  | <u> </u>   | H        | $\vdash \vdash$ |  |
|       | 114<br>115        | Н        |  | _        | <u> </u> | <del> </del>                                     | <del> </del> -                                   |  | ├        | Н               |  |
|       | 116               |          |  | -        | -        | -  |  | $\vdash$   | $\vdash$ | Н               |  |
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|       | 118               | H        |  |          |          | $\vdash$   | ·  | <u> </u>   |          | $\vdash$        |  |
|       | 119               | -        |  |          | $\vdash$ |  |  | $\vdash$   | -        | $\vdash$        |  |
|       | 120               | -        |  |          | $\vdash$ |  |  | $\vdash$   | $\vdash$ |                 |  |
|       | 121               | -        | -  |          | $\vdash$ |  | $\vdash$   | $\vdash$   | ┢        |                 |  |
|       | 121<br>122        | -        | $\vdash$   |          | _        |  | $\vdash$   | $\vdash$   | H        |                 |  |
|       | 123               |          |  |          | $\vdash$ |  | -  | ├-   |          | _               |  |
|       | 124               |          |  | -        | $\vdash$ | <del>                                     </del> | ┢  | <del> </del>                                     |          | -               |  |
|       | 124<br>125<br>126 |          |  |          | _        |  |  |  |          |                 |  |
|       | 126               |          |  |          | _        |  | Г  |  |          |                 |  |
|       | 127               |          |  |          |          |  |  |  |          | $\Box$          |  |
|       | 127<br>128<br>129 |          |  |          |          |  |  |  |          |                 |  |
|       | 129               |          |  |          |          |  |  |  |          |                 |  |
|       | 130<br>131        |          |  |          |          |  |  |  |          |                 |  |
|       | 131               |          | <u> </u>   | <u> </u> | L        | <u> </u>   | L  | _  | L        | Ш               |  |
|       | 132               | Ш        | <u> </u>   |          |          | _  |  | _  |          | Ш               |  |
|       | 133               | L.       | <u> </u>   | _        |          | <u> </u>   |  | _  | _        | Ш               |  |
|       | 134               |          | <u> </u>   | <u> </u> | ļ        | <u> </u>   |  | <u> </u>   | <u> </u> | Н               |  |
|       | 135               | L        | ┡  | <u> </u> | <u> </u> | <u> </u>   | ⊢  | ļ  | -        | $\vdash$        |  |
|       | 136               | _        | _  | ┡        |          | <u> </u>   | _  |  |          | H               |  |
|       | 137<br>138        | -        | ├  | -        | $\vdash$ | $\vdash$   | ┝  | -  | -        | H               |  |
|       | 139               |          | ├  | $\vdash$ |          | <u> </u>   | $\vdash$   | -  | $\vdash$ | H               |  |
|       | 140               | ├        | <del> </del>                                     | $\vdash$ | $\vdash$ |  | -  | -  | $\vdash$ | ${f H}$         |  |
|       | 4 4 4             |          |  | ┝        | $\vdash$ |  | $\vdash$   |  |          | Н               |  |
|       | 141.              |          | ├  | -        | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$ | H               |  |
|       | 143               |          | $\vdash$   | ├─       | ┢        | $\vdash$   | ┢╾   | <del>                                     </del> |          | $\vdash \vdash$ |  |
| -     | 144               |          | H  | -        | H        | ┢╌   | <del>                                     </del> | 一  | 1        | Н               |  |
|       | 145               | Н        | <del>                                     </del> | $\vdash$ | $\vdash$ | ┢  | $\vdash$   | $\vdash$   | $\vdash$ | Н               |  |
| _     | 146               | H        |  | ┢        | H        | H  | H  | T  | $\vdash$ | H               |  |
|       | 147               |          | Ι  | $\vdash$ | l        | t  | T  | T  | t        | H               |  |
|       | 148               | $\Box$   | $\vdash$   | Г        | Г        | T  | <del>                                     </del> | 1  | $\vdash$ | $\vdash$        |  |
|       | 149               | Г        | Ι  | Γ        | Г        |  | <u> </u>   | Π  |          | П               |  |
|       | 150               |          |  |          |          |  |  |  |          |                 |  |